

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A drive apparatus of a trunk lid lock for a motor vehicle, comprising:

a striker formed on the striker base provided in a peripheral edge portion of a trunk opening;

a latch provided in a trunk lid;

a drive mechanism having a lock canceling member and an output member,  
the lock canceling member including a first cam and a second cam; and

a support base fixed to an inner panel of the peripheral edge portion of the trunk opening, the lock canceling member being supported by a shaft ~~in~~ on the support base,

the drive mechanism being operative when the latch is engaged with the striker so as to bring in a second member including the latch via a first member including the striker moving to a bring-in position from a waiting position, thereby closing the trunk lid;

the lock canceling member being operative to move to a restricting position at which the latch is under a restricting state that the latch can not be taken out from the striker, and to a restriction canceling position at which the latch is under a restriction canceling state that the latch can be taken out from the striker;

~~the drive mechanism driving the lock canceling member from the restricting position to the restriction canceling position in response to the first member being returned to the waiting position from the bring-in position; and~~

~~the lock canceling member being restricted to the restriction canceling position during a period that the first member is returned to the waiting position from the bring-in position, and after returning the first member to the waiting position, the lock canceling member being movable from the restriction canceling position to the restricting position~~

the output member being relatively brought into slidable contact with the first cam at a time that the first member is returned to the waiting position from the bring-in position, whereby the lock canceling member is moved from the restriction position to the restriction canceling position; and

during a period that the first member is returned to the waiting position from the bring-in position, the output member being relatively brought into slidable contact with the second cam, whereby the lock canceling member is restricted at the restriction canceling position.

2. (Previously presented) A drive apparatus of a trunk lid lock for a motor vehicle according to claim 1,

wherein the drive mechanism further comprises:

an output member,

the output member being operative to drive the lock canceling member from the restricting position to the restriction canceling position at a time that the first member is returned to the waiting position from the bring-in position,

and during a period that the first member is returned to the waiting position from the bring-in position, the lock canceling member is restricted at the restriction canceling position, and after returning the first member to the waiting position, the lock canceling member can be moved from the restriction canceling position to the restricting position.

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3. (Currently amended) A drive apparatus of a trunk lid lock for a motor vehicle according to claim 2 1,

wherein the lock canceling member comprises:

~~a first cam;~~

~~a second cam; and~~

a third cam;

~~the output member being relatively brought into slidable contact with the first cam at a time that the first member is returned to the waiting position from the bring-in position, whereby the lock canceling member is moved from the restricting position to the restriction canceling position,~~

~~and during a period that the first member is returned to the waiting position from the bring-in position, the output member is relatively brought into slidable contact with the second cam, whereby the lock canceling member is restricted at the restriction canceling position,~~

and wherein after returning the first member to the waiting position, the output member is relatively brought into slidable contact with the third cam, whereby the lock canceling member can be moved from the restriction canceling position to the restricting position.

4. (Previously presented) A drive apparatus of a trunk lid lock for a motor vehicle according to claim 1,

wherein the second member is provided with a locking plate which can move to a restriction canceling position for placing the latch in a restriction canceling state.

5. (Previously presented) A drive apparatus of a trunk lid lock for a motor vehicle according to claim 2,

wherein the output member comprises:

a cam follower bringing in the second member via the first member, the cam follower being relatively brought into slidable contact with a cam groove formed in the first member,

and the cam follower is relatively brought into slidable contact with the first cam, the second cam and the third cam in this order.

6. (Original) A drive apparatus of a trunk lid lock for a motor vehicle according to claim 5,

wherein the cam follower moves along a circumference,

wherein the second cam is formed along the circumference at a time that the lock canceling member is at the restriction canceling position,

and wherein the first cam and the third cam are respectively connected to both sides of the second cam, and are formed so as to gradually move close to or apart from a center of the circumference respectively.

7. (Original) A drive apparatus of a trunk lid lock for a motor vehicle according to claim 1,

wherein the lock canceling member is urged from the restriction canceling position to the restricting position by a coil spring.

8. (Cancelled)

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